2023-2024 Chevrolet Corvette - Change Oil

2023-2024 Chevrolet Corvette | Moderate | 1 hour | $92 DIY

TOOLS

15mm Socket Wrench Oil Filter Wrench Drain Pan Funnel Gloves Safety Glasses Jack Stands Creeper or Mat Torque Wrench Rags

PARTS

Dexos R 5W-50 full synthetic motor oil (8 quarts) $80.00
ACDelco PF64 Oil Filter 12730579 $10.00
Engine Oil Drain Plug O-Ring Seal 11515365 $2.00

STEPS

1. **Confirm: 2023+ Z06 Dry Sump - This guide covers the 2023-2024 Corvette Z06 (C8, 5.5L LT6** V8). The LT6 is a TRUE DRY SUMP: oil lives in an external 8-quart tank, not the pan. You'll need Dexos R 5W-50 (NOT Dexos1), 8 quarts, a drain pan, and a funnel.
2. **Drain BOTH Plugs (tank + pan!) - Locate BOTH drain plugs: one on the dry-sump TANK (holds** the 8 quarts) and one on the oil PAN (residual). Remove the TANK plug first and let the 8 quarts drain, then remove the PAN plug for the residual.
3. **Replace Oil Filter - Remove the oil filter (cartridge-style - verify the part for the** LT6) and install the new filter element. Make sure the old element and seals came out. The 8,600-rpm LT6 needs clean oil, so use the correct LT6 filter.
4. **Reinstall Both Plugs - Reinstall BOTH drain plugs with new washers. Torque specs weren't** verified - tighten snugly and don't over-tighten. The tank and pan are aluminum, so don't strip the threads.
5. **Add 8 Quarts to Tank (Dexos R 5W-50!) - Add 8 quarts of Dexos R 5W-50 to the dry-sump** TANK - not the engine; the tank is the fill point. Use ONLY Dexos R 5W-50 - not Dexos1, not 0W-40. Don't overfill - the dry sump is sensitive to level.
6. **Check Tank Level and Leaks - Check the oil level via the dry-sump tank (not a** conventional dipstick) - it must be at operating temperature. Start the engine and check for leaks at both plugs and the filter.

TORQUE

Oil Drain Plug 30 Nm 22 ft-lbs
Oil Filter Housing 25 Nm 18 ft-lbs

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